

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080519\
 Data File : VN057085.D
 Acq On : 5 Aug 2019 16:25
 Operator : JC/SP
 Sample : K4130-39
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1S-M-(30)

Quant Time: Aug 06 02:22:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

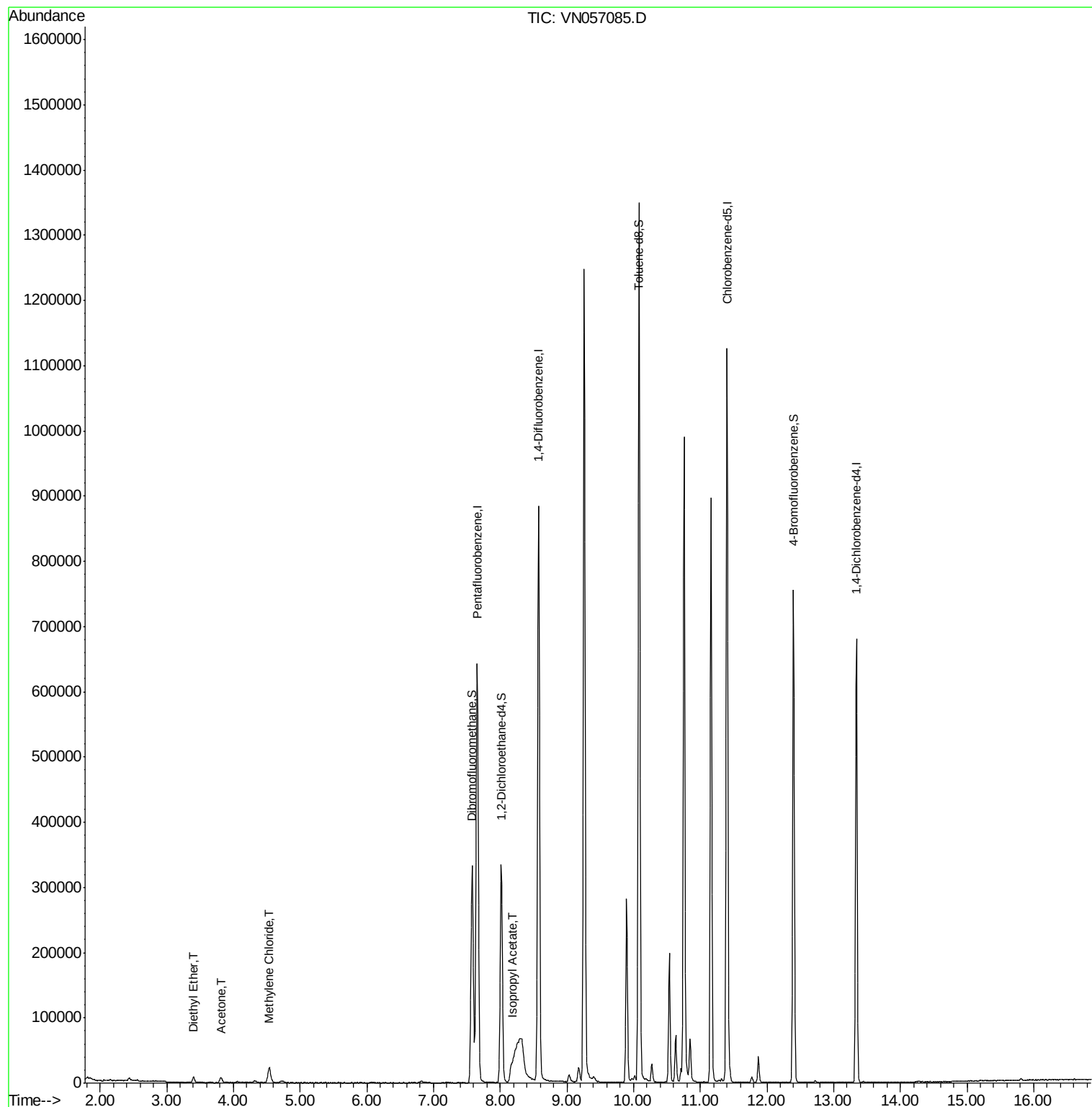
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	580380	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	841195	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	720287	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	208345	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	288699	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
35) Dibromofluoromethane	7.58	113	258038	47.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.84%	
50) Toluene-d8	10.08	98	991004	48.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.52%	
62) 4-Bromofluorobenzene	12.40	95	271749	40.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.30%	
Target Compounds						
8) Diethyl Ether	3.40	74	4085	1.266	ug/l	72
16) Acetone	3.81	43	13794	6.409	ug/l	99
20) Methylene Chloride	4.54	84	18881	3.045	ug/l	94
43) Isopropyl Acetate	8.17	43	30010	3.063	ug/l #	52

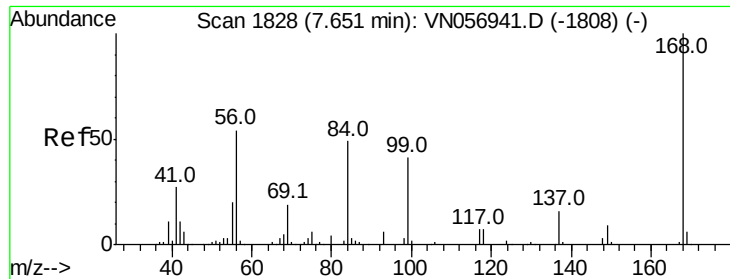
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN080519\
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Quant Title : SW846 8260
QLast Update : Sat Jul 27 01:33:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN057085.D

Acq: 5 Aug 2019 16:25

Instrument :

MSVOA_N

ClientSampled :

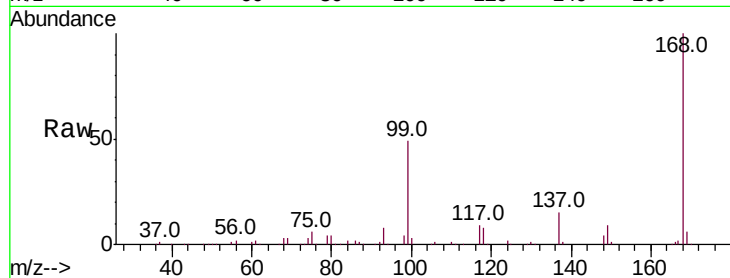
1S-M-(30)

Tot Ion:168 Resp: 580380

Ion Ratio Lower Upper

168 100

99 49.1 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VN056941.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN056941.D (-1808) (-)

7.66

250000

200000

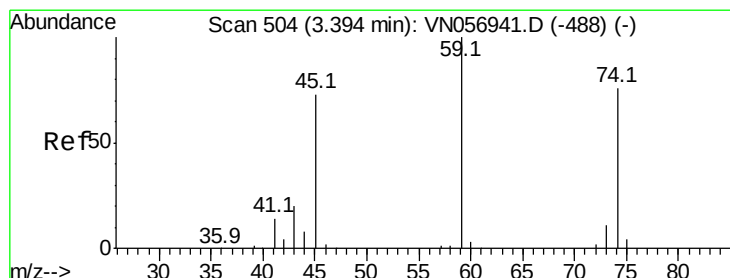
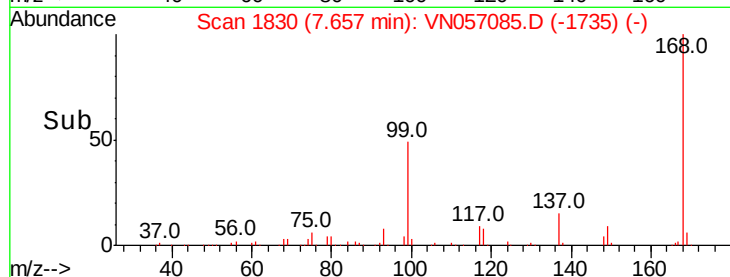
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.266 ug/l

RT: 3.40 min Scan# 507

Delta R.T. 0.01 min

Lab File: VN057085.D

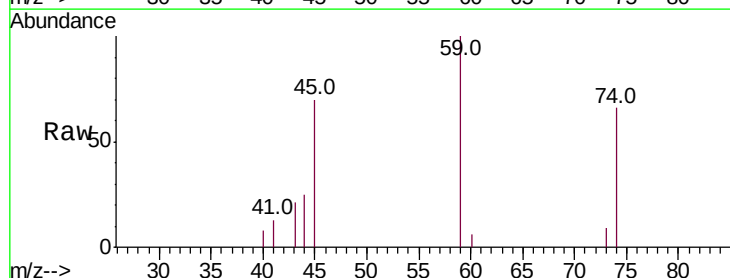
Acq: 5 Aug 2019 16:25

Tgt Ion: 74 Resp: 4085

Ion Ratio Lower Upper

74 100

45 123.4 48.1 144.3



Abundance Ion 74.00 (73.70 to 74.70): VN056941.D (-488) (-)

Ion 45.00 (44.70 to 45.70): VN056941.D (-488) (-)

3.40

2500

2000

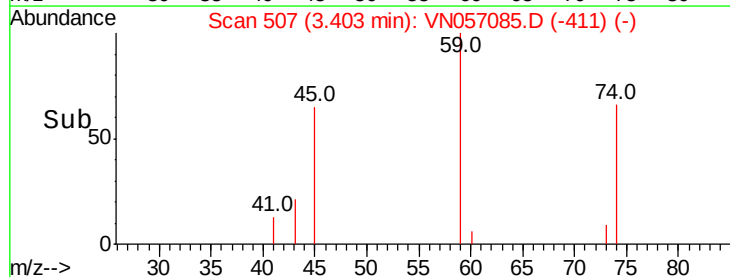
1500

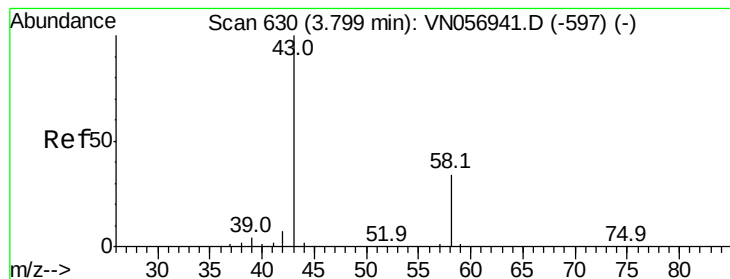
1000

500

0

Time-->





#16

Acetone

Concen: 6.409 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN057085.D

Acq: 5 Aug 2019 16:25

Instrument :

MSVOA_N

ClientSampled :

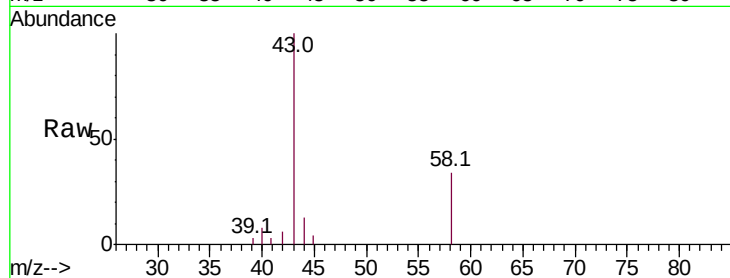
1S-M-(30)

Tot Ion: 43 Resp: 13794

Ion Ratio Lower Upper

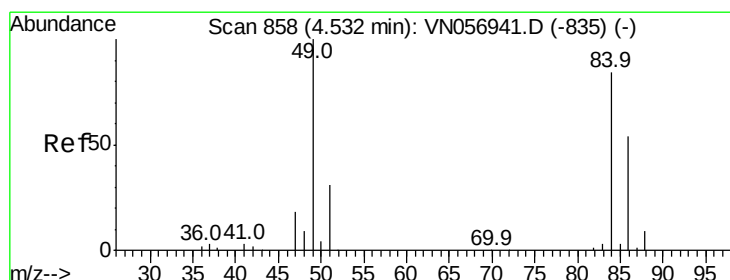
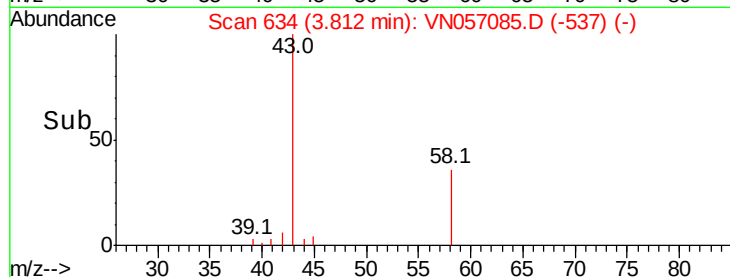
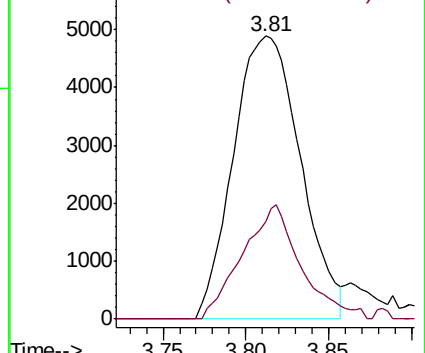
43 100

58 34.4 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO



#20

Methylene Chloride

Concen: 3.045 ug/l

RT: 4.54 min Scan# 861

Delta R.T. 0.01 min

Lab File: VN057085.D

Acq: 5 Aug 2019 16:25

Tgt Ion: 84 Resp: 18881

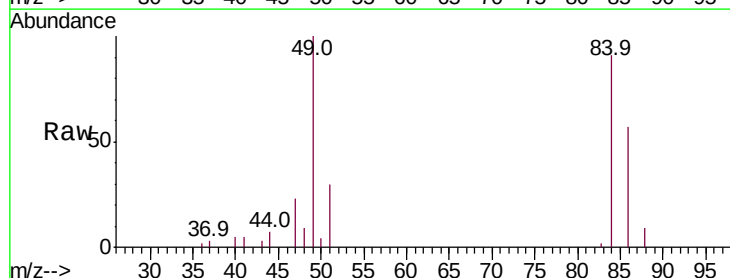
Ion Ratio Lower Upper

84 100

49 110.4 95.2 142.8

51 33.2 29.7 44.5

86 63.1 51.0 76.6

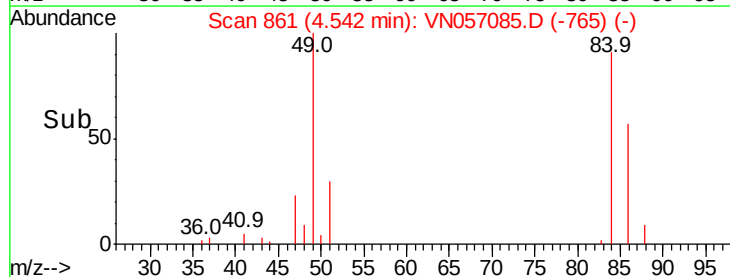
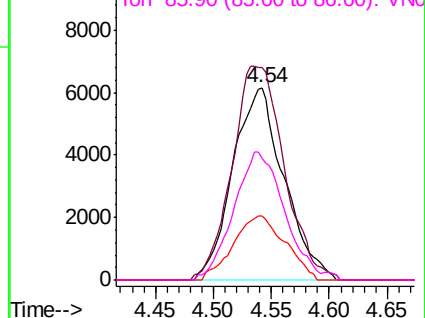


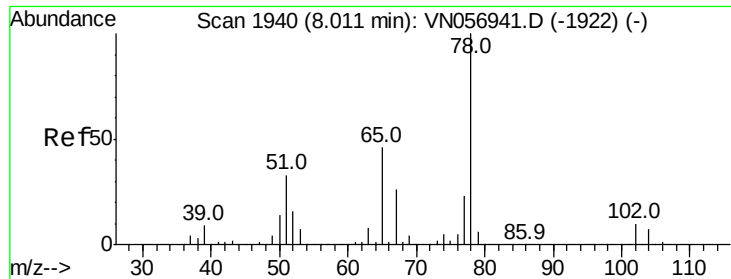
Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO





#33

1,2-Dichloroethane-d4

Concen: 48.594 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.01 min

Lab File: VN057085.D

Acq: 5 Aug 2019 16:25

Instrument :

MSVOA_N

ClientSampleId :

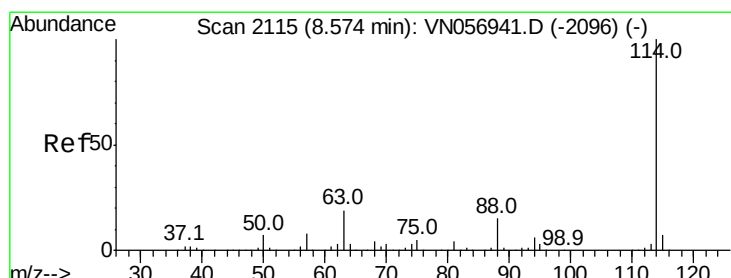
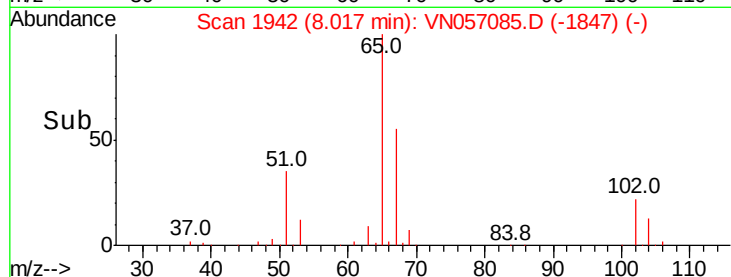
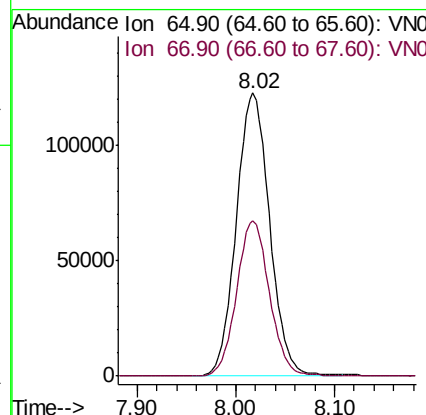
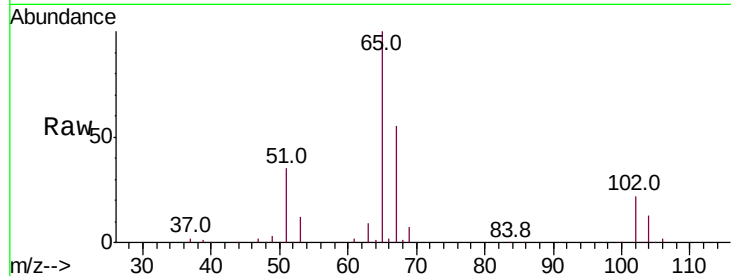
1S-M-(30)

Tot Ion: 65 Resp: 288699

Ion Ratio Lower Upper

65 100

67 54.0 0.0 112.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN057085.D

Acq: 5 Aug 2019 16:25

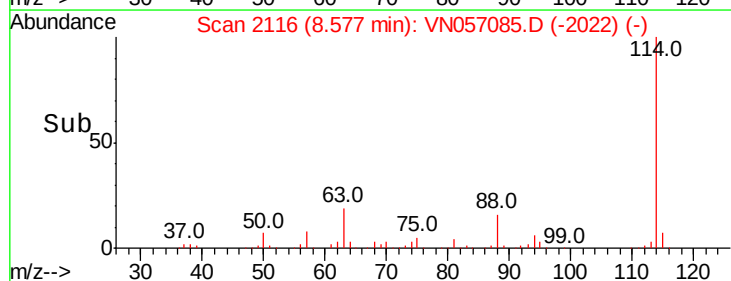
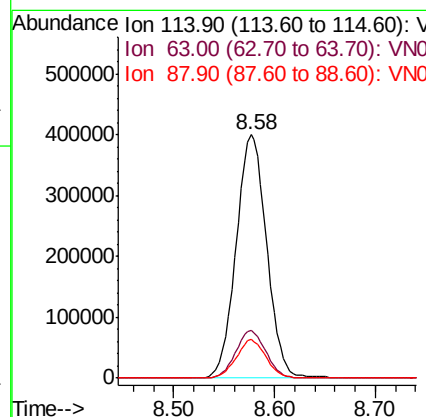
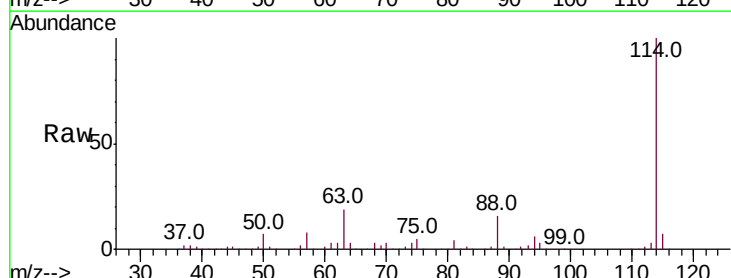
Tgt Ion: 114 Resp: 841195

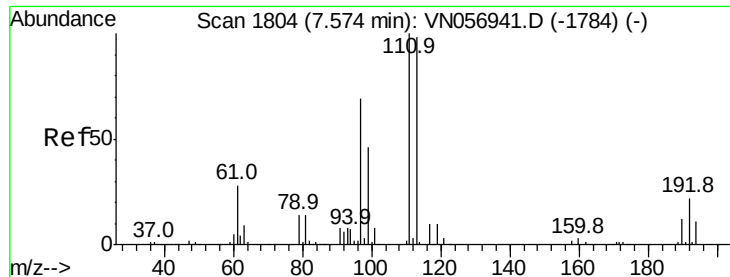
Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.0

88 15.7 0.0 30.0





#35

Dibromofluoromethane

Concen: 47.917 ug/l

RT: 7.58 min Scan# 1806

Delta R.T. 0.01 min

Lab File: VN057085.D

Acq: 5 Aug 2019 16:25

Instrument :

MSVOA_N

ClientSampled :

1S-M-(30)

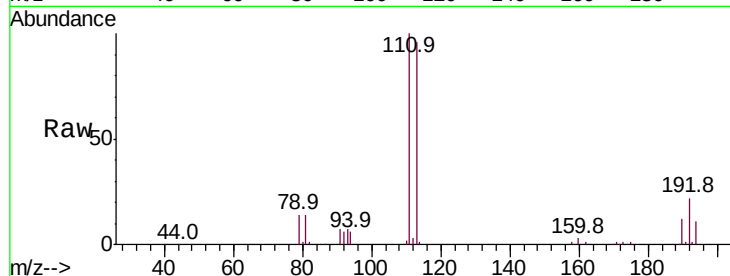
Tot Ion:113 Resp: 258038

Ion Ratio Lower Upper

113 100

111 101.9 82.0 123.0

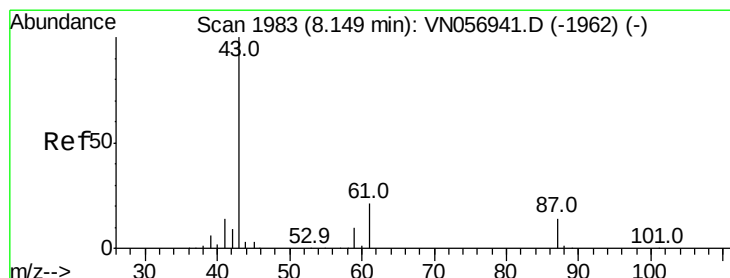
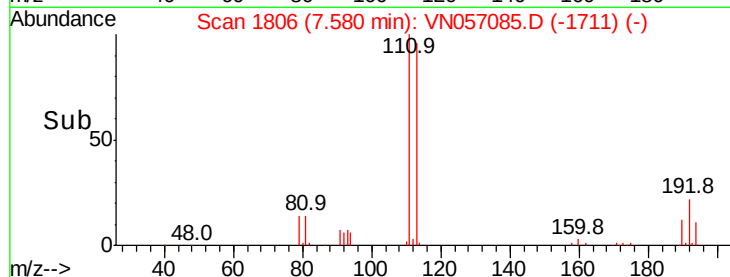
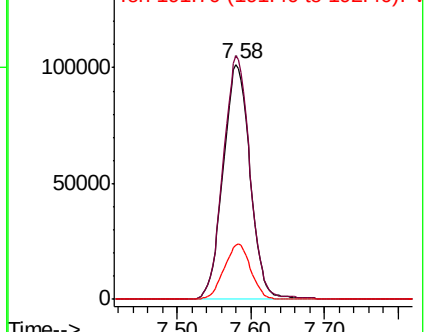
192 23.3 18.4 27.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#43

Isopropyl Acetate

Concen: 3.063 ug/l

RT: 8.17 min Scan# 1991

Delta R.T. 0.03 min

Lab File: VN057085.D

Acq: 5 Aug 2019 16:25

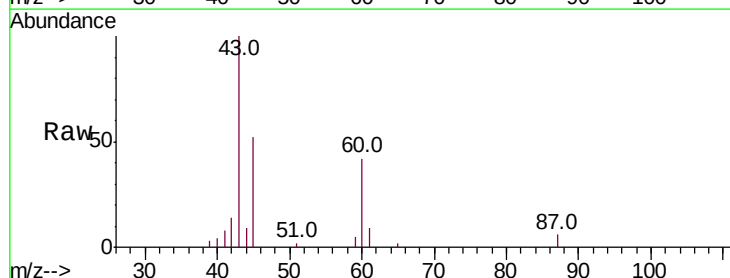
Tgt Ion: 43 Resp: 30010

Ion Ratio Lower Upper

43 100

61 0.0 23.0 34.6#

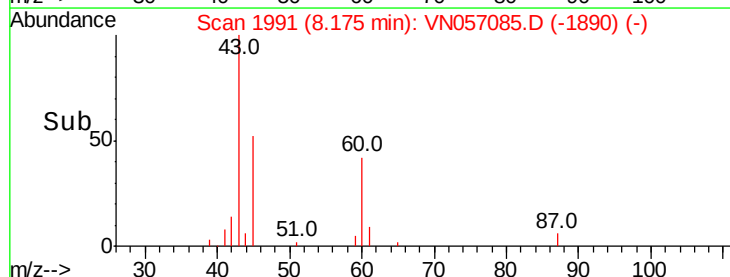
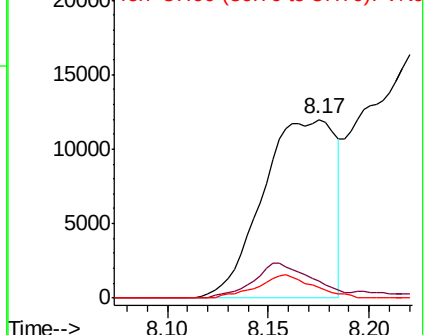
87 0.0 11.7 17.5#

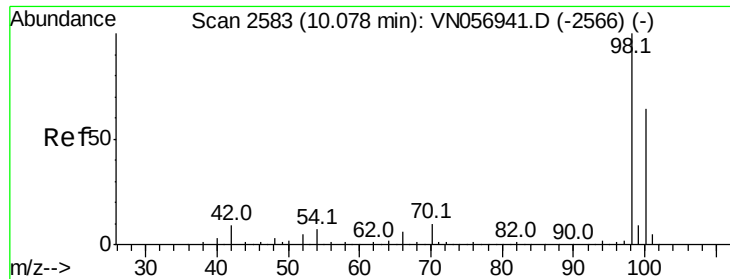


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 48.258 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN057085.D

Acq: 5 Aug 2019 16:25

Instrument :

MSVOA_N

ClientSampled :

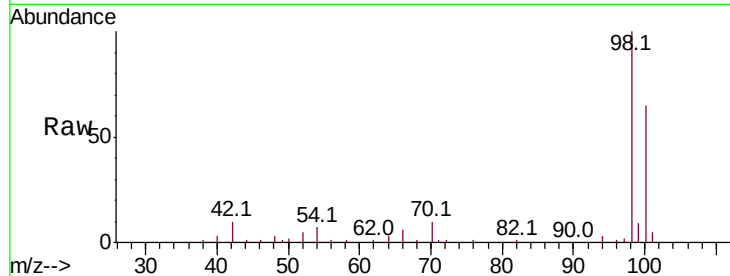
1S-M-(30)

Tot Ion: 98 Resp: 991004

Ion Ratio Lower Upper

98 100

100 64.7 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

600000

500000

400000

300000

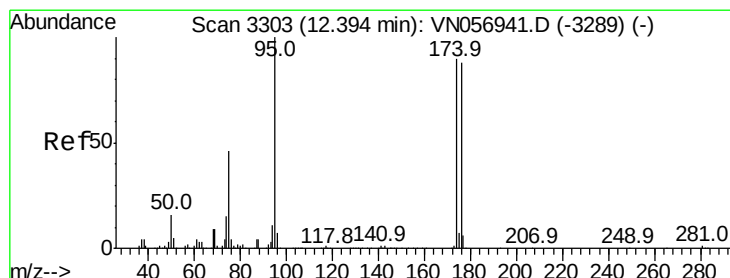
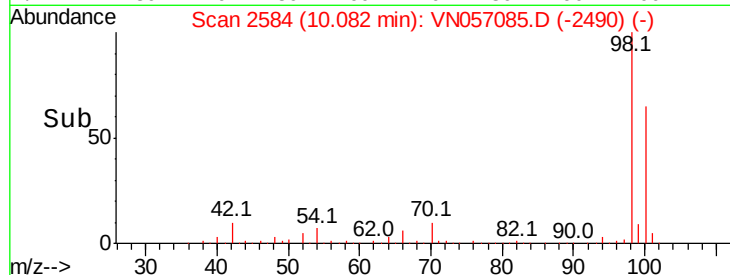
200000

100000

0

10.00 10.10 10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 40.649 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN057085.D

Acq: 5 Aug 2019 16:25

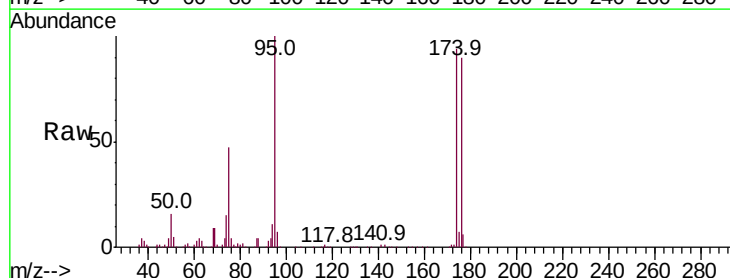
Tgt Ion: 95 Resp: 271749

Ion Ratio Lower Upper

95 100

174 96.0 0.0 182.2

176 91.4 0.0 179.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

150000

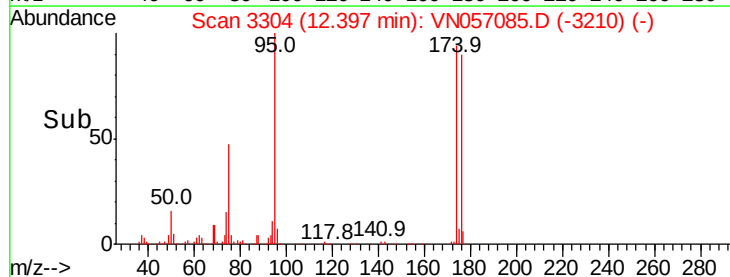
100000

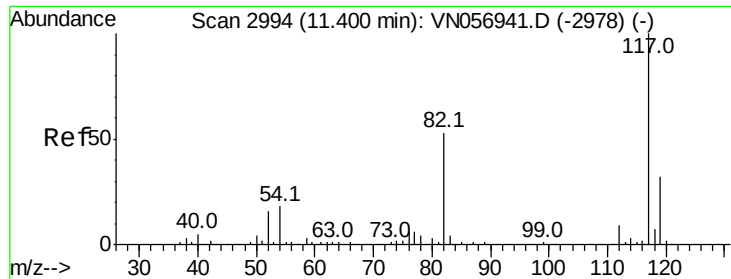
50000

0

12.30 12.40 12.50

Time-->

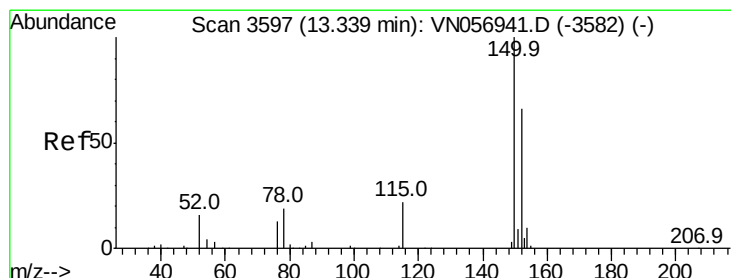
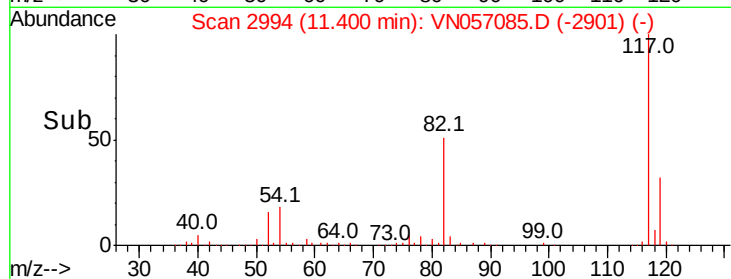
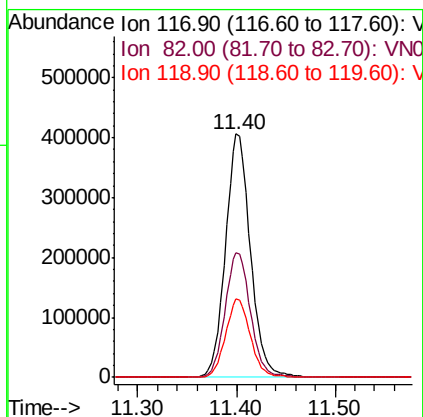
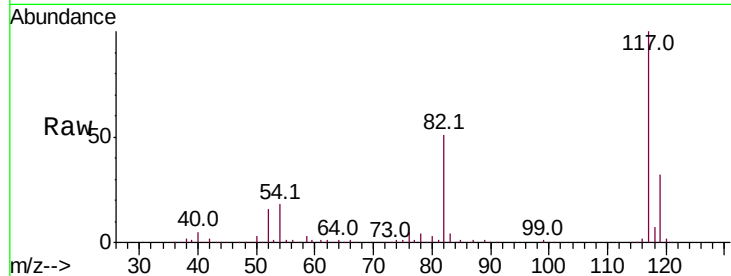




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN057085.D
Acq: 5 Aug 2019 16:25

Instrument :
MSVOA_N
ClientSampled :
1S-M-(30)

Tot Ion:117 Resp: 720287
Ion Ratio Lower Upper
117 100
82 51.3 42.2 63.4
119 32.1 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN057085.D
Acq: 5 Aug 2019 16:25

Tgt Ion:152 Resp: 208345
Ion Ratio Lower Upper
152 100
115 54.9 28.2 84.6
150 156.3 0.0 349.4

